

ABSTRACT

In a communication device for providing a communication between a user terminal and a network service provider apparatus, datalink layer information included in data transmitted from a source user terminal is read, a communication function of an existing protocol of outputting data group to a network service provider apparatus when the datalink layer information includes communication request information to the network service provider apparatus is maintained, and the data are outputted directly to a destination user terminal when the datalink layer information includes shortcut communication request information to the destination user terminal.

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